Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
Data File : VL043058.D
Acq On : 08 Oct 2025 11:43
Operator : SY/MD
Sample : QC100725 CAN 10420
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Quant Time: Oct 09 01:15:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.794	49	180369	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.965	114	479249	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.888	117	385348	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	263585	9.495	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.000%			
Target Compounds						Qvalue
13) Ethanol	1.434	45	58907	135.822	ppbv	87
15) Acetone	1.842	43	5729	0.227	ppbv #	89
17) tert-Butyl alcohol	2.049	59	849	0.032	ppbv #	48
19) Isopropyl Alcohol	1.434	45	58907	4.868	ppbv #	25
20) Methylene Chloride	2.065	84	3731	0.338	ppbv	90
30) Cyclohexane	3.959	84	2178	0.109	ppbv #	8
34) 2-Butanone	2.567	43	1883	0.058	ppbv #	84
39) 1,2-Dichloropropane	3.965	63	119762	7.056	ppbv #	23
79) Naphthalene	13.539	128	19	0.234	ppbv #	69
80) Naphthalene,2-methyl-	14.468	142	350	0.676	ppbv #	59

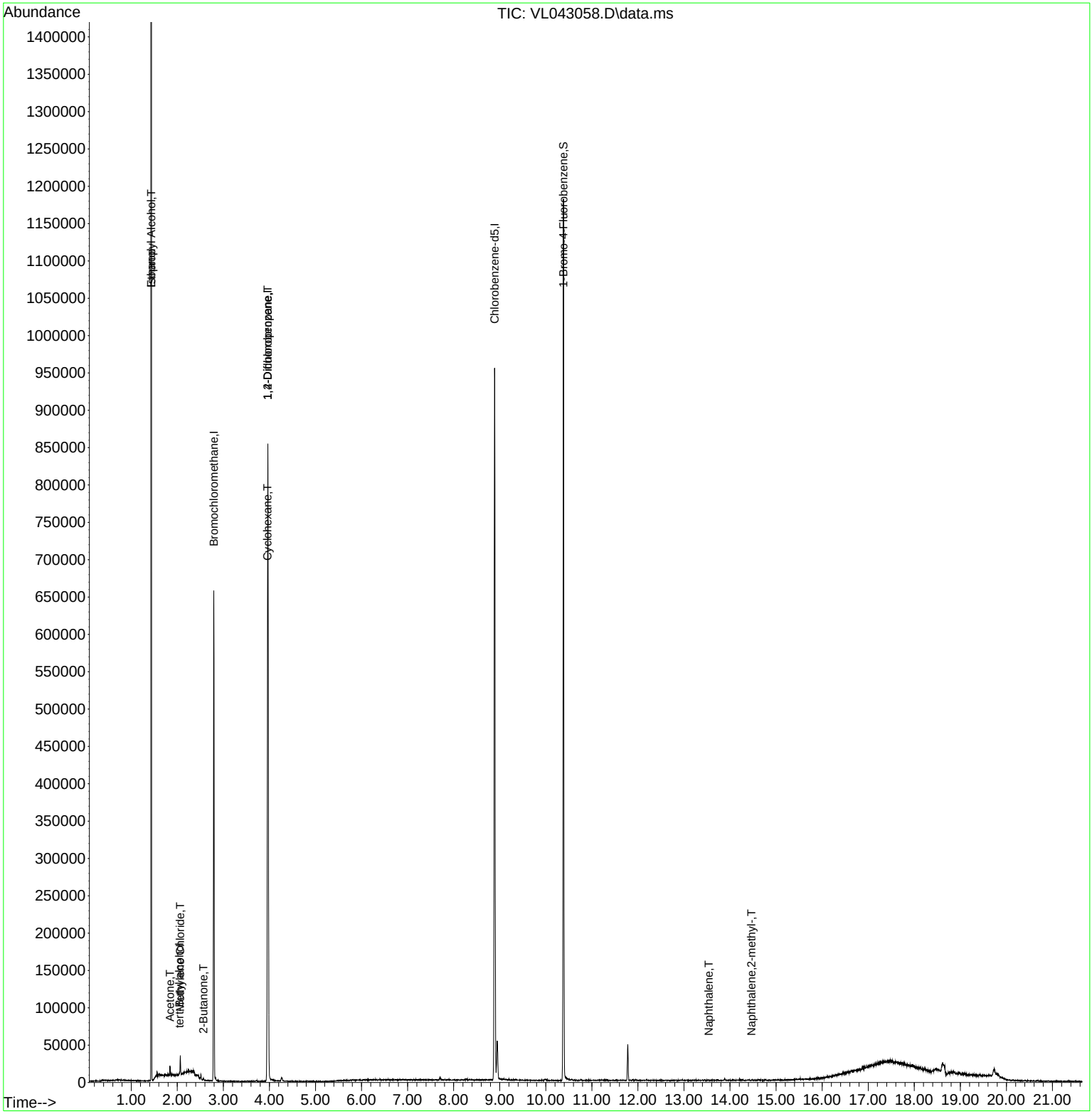
(#) = qualifier out of range (m) = manual integration (+) = signals summed

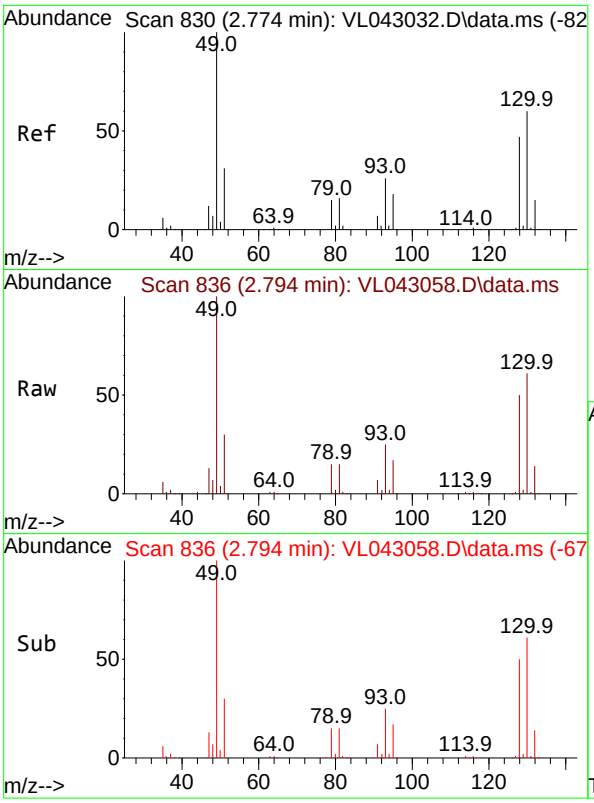
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
Data File : VL043058.D
Acq On : 08 Oct 2025 11:43
Operator : SY/MD
Sample : QC100725 CAN 10420
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Quant Time: Oct 09 01:15:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration



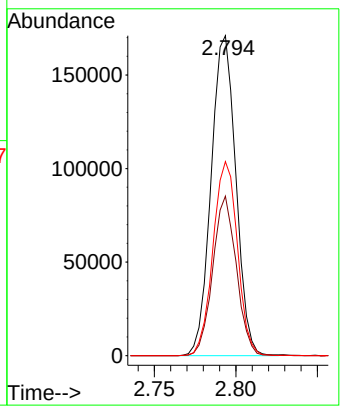


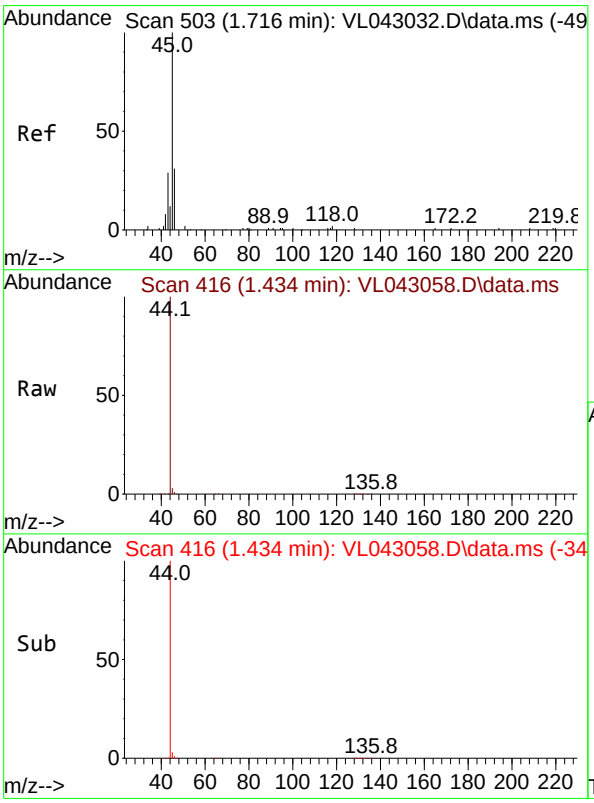
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 8
Delta R.T. 0.020 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion: 49 Resp: 180369

Ion	Ratio	Lower	Upper
49	100		
128	47.5	24.1	72.2
130	60.0	31.4	94.3

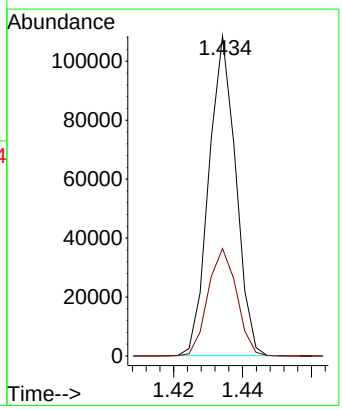


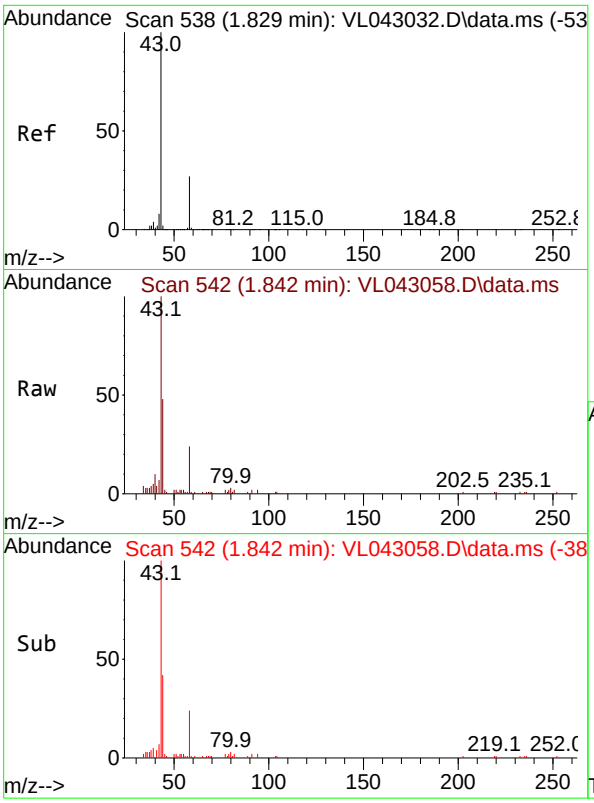


#13
Ethanol
Concen: 135.822 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.282 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion: 45 Resp: 58907

Ion	Ratio	Lower	Upper
45	100		
46	35.8	17.8	71.4



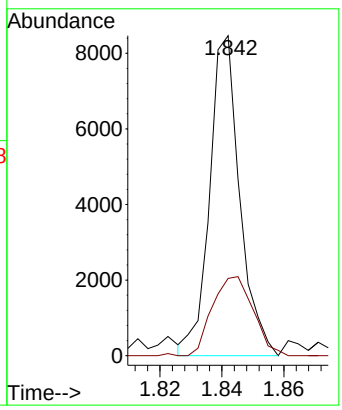


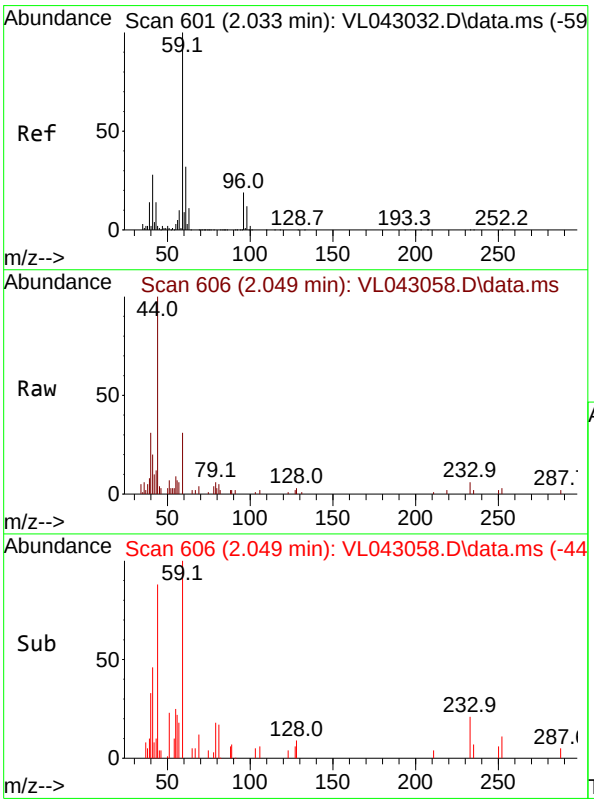
#15
Acetone
Concen: 0.227 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.013 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion: 43 Resp: 5729

Ion	Ratio	Lower	Upper
43	100		
58	33.6	22.2	33.4#

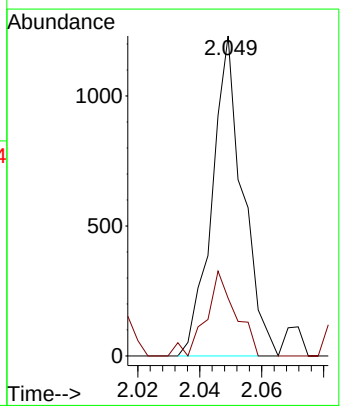


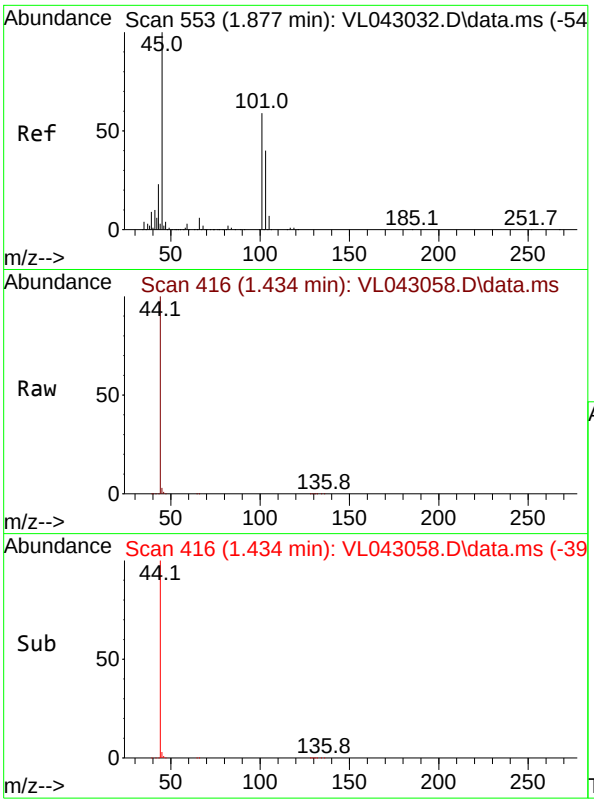


#17
tert-Butyl alcohol
Concen: 0.032 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.016 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion: 59 Resp: 849

Ion	Ratio	Lower	Upper
59	100		
57	30.3	8.5	12.7#



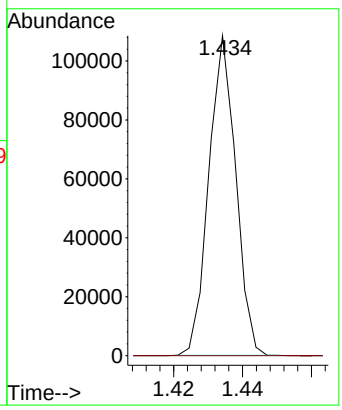


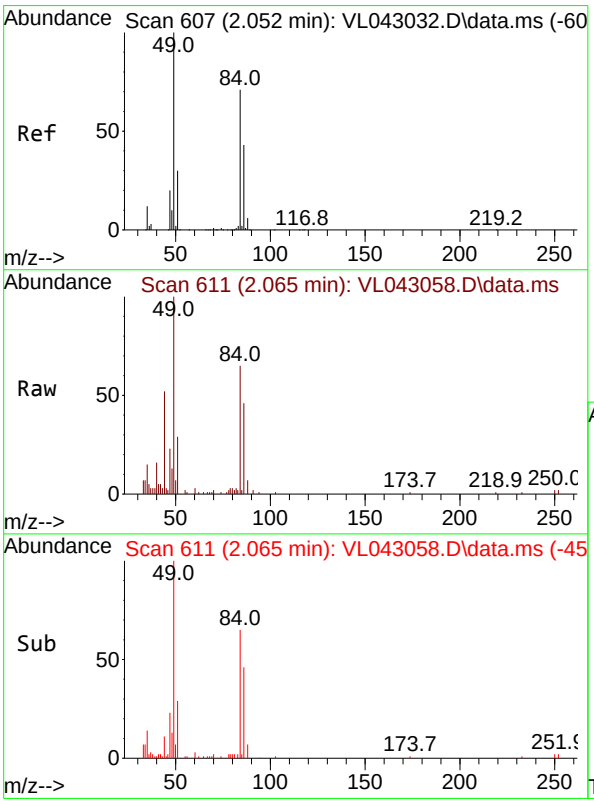
#19
Isopropyl Alcohol
Concen: 4.868 ppbv
RT: 1.434 min Scan# 4
Delta R.T. -0.443 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion: 45 Resp: 58907

Ion	Ratio	Lower	Upper
45	100		
58	0.0	42.3	63.5#

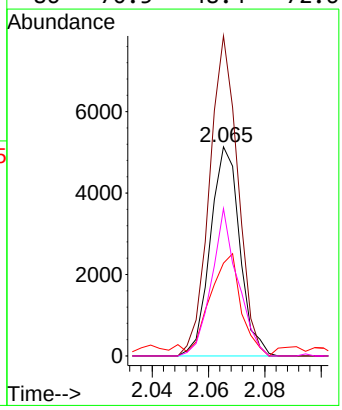


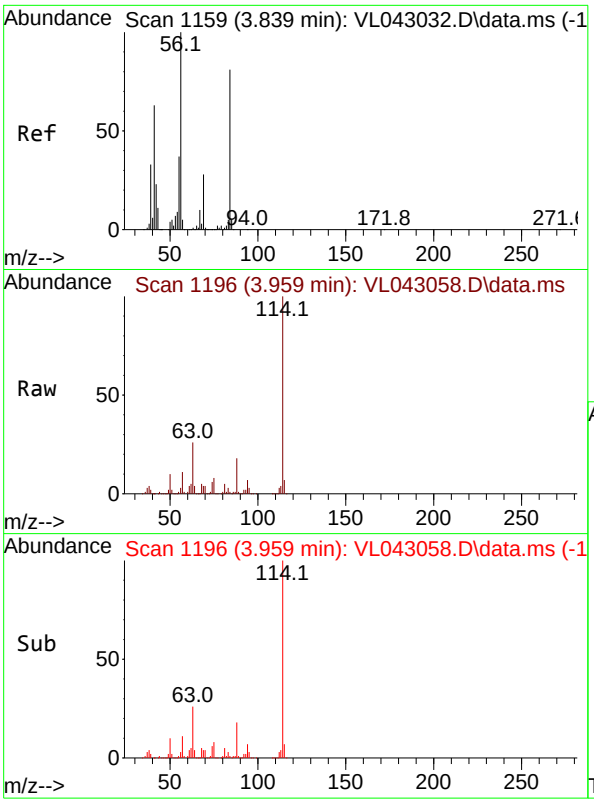


#20
Methylene Chloride
Concen: 0.338 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion: 84 Resp: 3731

Ion	Ratio	Lower	Upper
84	100		
49	153.0	112.5	168.7
51	40.6	34.2	51.2
86	70.5	48.4	72.6



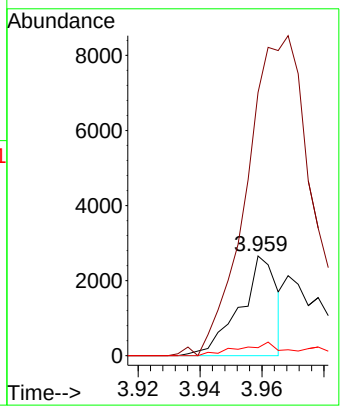


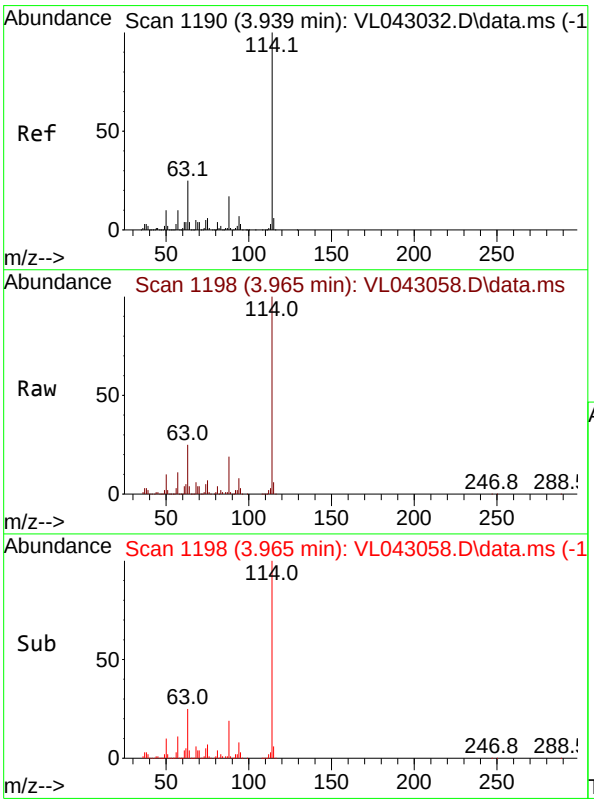
#30
Cyclohexane
Concen: 0.109 ppbv
RT: 3.959 min Scan# 11
Delta R.T. 0.120 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion: 84 Resp: 2178

Ion	Ratio	Lower	Upper
84	100		
56	0.0	99.9	149.9#
41	23.6	64.2	96.4#

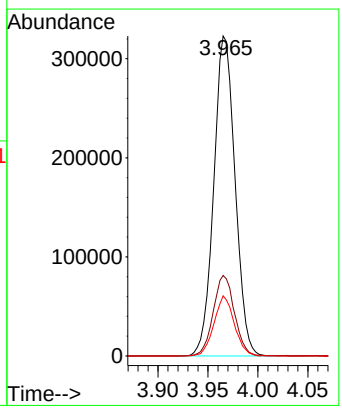


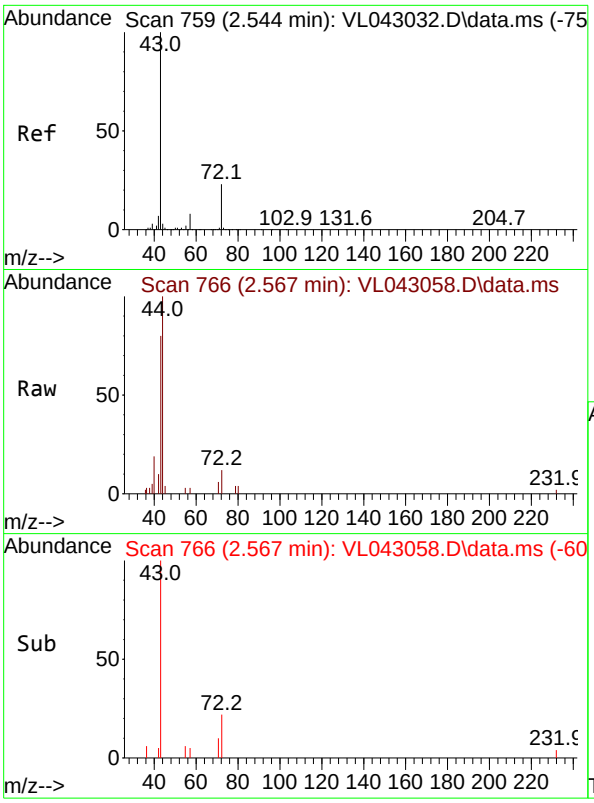


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.026 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion:114 Resp: 479249

Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.4	29.2
88	17.9	13.9	20.9



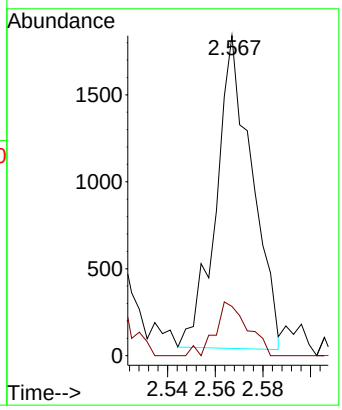


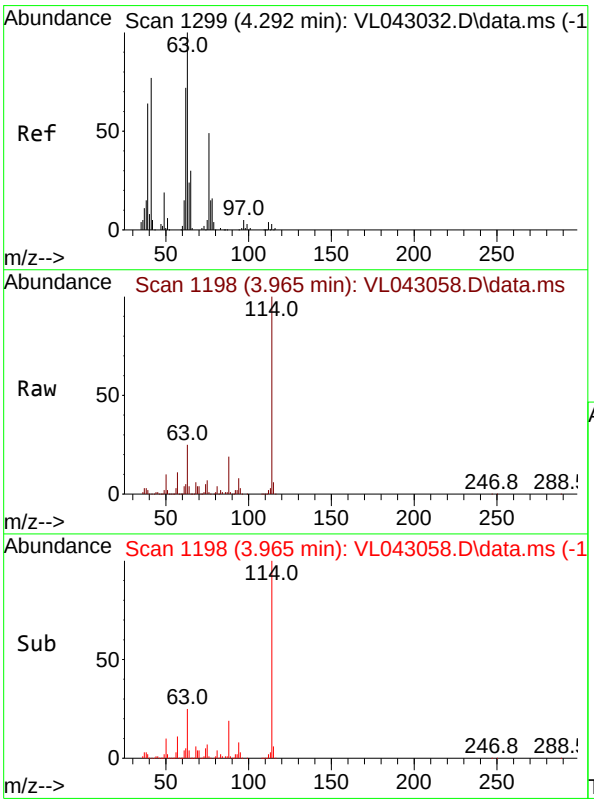
#34
2-Butanone
Concen: 0.058 ppbv
RT: 2.567 min Scan# 7
Delta R.T. 0.023 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion: 43 Resp: 1883

Ion	Ratio	Lower	Upper
43	100		
72	15.5	18.4	27.6#

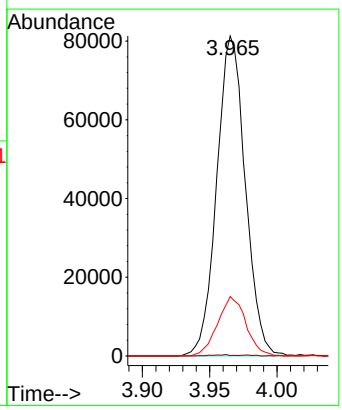


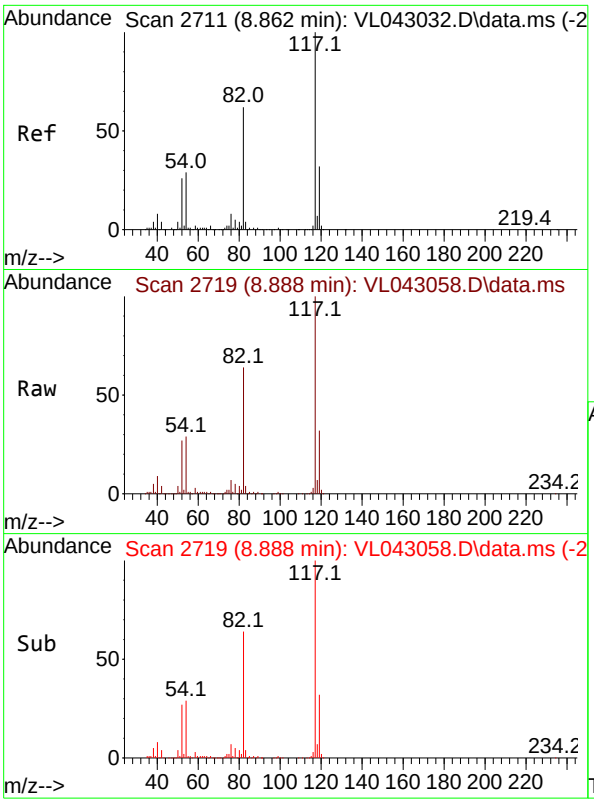


#39
1,2-Dichloropropane
Concen: 7.056 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.327 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion: 63 Resp: 119762

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.6	92.4#
62	18.5	58.1	87.1#



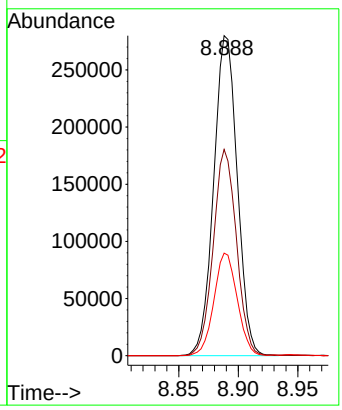


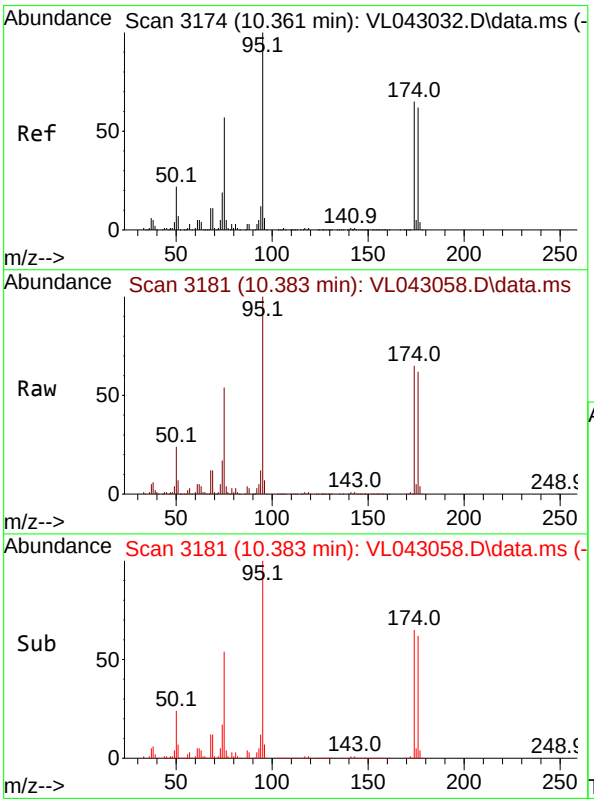
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2
Delta R.T. 0.026 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion:117 Resp: 385348

Ion	Ratio	Lower	Upper
117	100		
82	63.5	53.0	79.6
119	31.7	25.4	38.2

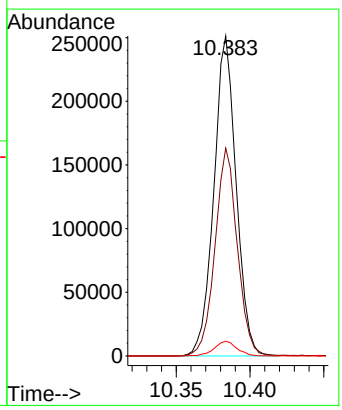


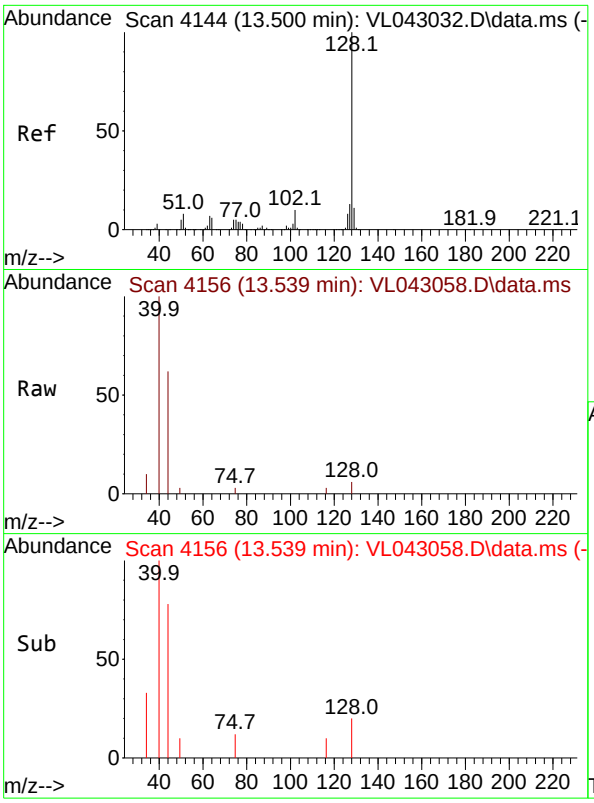


#68
1-Bromo-4-Fluorobenzene
Concen: 9.495 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.023 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion: 95 Resp: 263585

Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.3	78.5
175	4.7	3.8	5.8



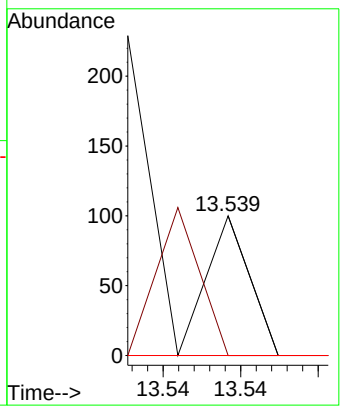


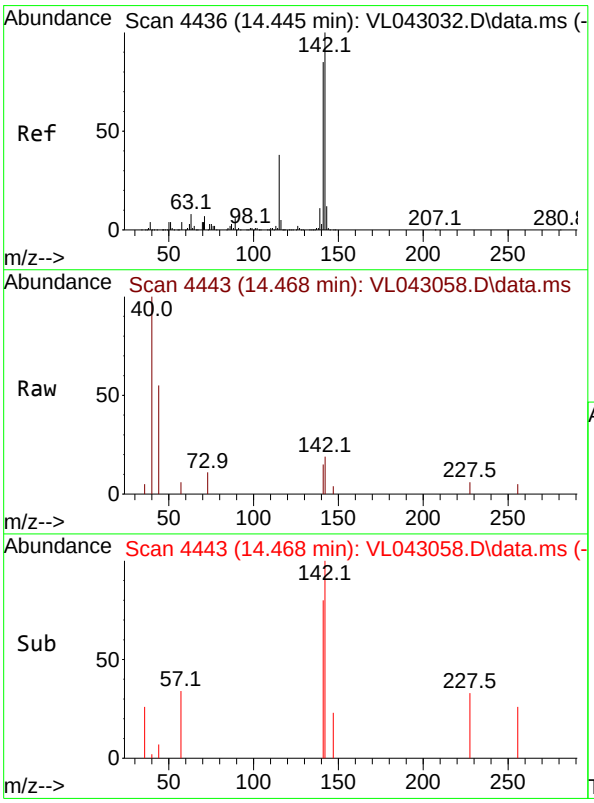
#79
Naphthalene
Concen: 0.234 ppbv
RT: 13.539 min Scan# 4
Delta R.T. 0.039 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
QC100725 CAN 10420

Tgt Ion:128 Resp: 19

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.8	13.2#





#80
Naphthalene,2-methyl-
Concen: 0.676 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.023 min
Lab File: VL043058.D
Acq: 08 Oct 2025 11:43

Tgt Ion:142 Resp: 350

Ion	Ratio	Lower	Upper
142	100		
141	55.4	66.6	100.0#
115	0.0	30.1	45.1#